

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ryoji NOYORI et al.

Application No.: New U.S. Patent Application

Filed: September 27, 2006

Docket No.: 129542

For: PROCESS FOR PRODUCING OPTICALLY ACTIVE ALCOHOL

IAP5 Rec'd PCT/PTO 27 SEP 2006
10/594327

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

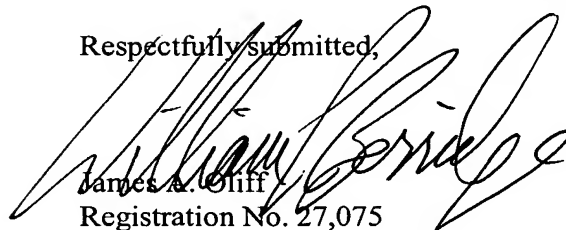
- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 3-4.
- ☒ 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 2-6.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. An English language Abstract of one or more non-English language reference is attached hereto. See References 2-4.
- ☒ 6. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 2-4.

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☒ 7. Reference 1 corresponds to reference 4.

Respectfully submitted,



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Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 129542		APPLICATION NO. New U.S. Patent Application 10/594327	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Ryoji NOYORI et al.			
				FILING DATE September 27, 2006			
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
	1.	6,720,439 B1	04/13/2004	OHKUMA et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
	2.	JP-A-11-189600	07/13/1999	JAPAN	X	X	
	3.	JP-A-11-322649	11/24/1999	JAPAN	X	X	
	4.	JP-A-2003-104993	04/09/2003	JAPAN	X	X	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
	5.	ABDUR-RASHID et al.; "Mechanism of the Hydrogenation of Ketones Catalyzed by <i>trans</i> -Dihydrido(diamine)ruthenium(II) Complexes;" <i>Journal of the American Chemical Society</i> ; December 18, 2002; Vol. 124, No. 50; pp. 15104-15118.					
	6.	ABDUR-RASHID et al.; "Catalytic Cycle for the Asymmetric Hydrogenation of Prochiral Ketones to Chiral Alcohols: Direct Hydride and Proton Transfer from Chiral Catalysts <i>trans</i> -Ru(H) ₂ (diphosphine)(diamine) to Ketones and Direct Addition of Dihydrogen to the Resulting Hydridoamido Complexes;" <i>Journal of the American Chemical Society</i> ; August 1, 2001; Vol. 123, No. 30; pp. 7473-7474.					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 27, 2006